

Title (en)

MANUFACTURE OF MINERAL INSULATED CABLES

Publication

EP 0413602 A3 19920527 (EN)

Application

EP 90309059 A 19900817

Priority

- GB 8918914 A 19890818
- GB 8925639 A 19891113

Abstract (en)

[origin: EP0413602A2] Apparatus and a process for manufacturing mineral-insulated cable (10) has seam-welding heads for welding a travelling strip simultaneously at two or more spaced points (F1, F2, F3) to form a tubular sheath for the cable. In another aspect of the invention, in start-up or shut-down of a process for manufacturing mineral-insulated cable wherein a strip is seam-welded to form a tubular sheath for the cable (10), the same quality of seam-weld (100) is ensured as for the steady state condition by controlling the arc current and voltage as a function of the speed of conveyance of the strip.

IPC 1-7

H01B 13/26; **B23K 9/10**

IPC 8 full level

B23K 9/025 (2006.01); **H01B 13/004** (2006.01); **H01B 13/26** (2006.01)

CPC (source: EP)

B23K 9/0253 (2013.01); **H01B 13/004** (2013.01); **H01B 13/262** (2013.01)

Citation (search report)

- [X] GB 1073958 A 19670628 - BACKER ELECTRO VAERME A B
- [YD] GB 2106808 A 19830420 - GEN ELECTRIC CO PLC [GB]
- [Y] GB 1143025 A 19690219 - KABEL METALLWERKE GHH
- [A] US 3549857 A 19701222 - NEEDHAM JAMES C, et al
- [A] US 3242309 A 19660322 - ANDERSON JOHN E, et al
- [Y] GB 2106427 A 19830413 - GEN ELECTRIC CO PLC [GB]
- [Y] JP S5551670 B2 19801225
- [A] GB 1267108 A 19720315

Designated contracting state (EPC)

FR IT

DOCDB simple family (publication)

EP 0413602 A2 19910220; **EP 0413602 A3 19920527**

DOCDB simple family (application)

EP 90309059 A 19900817